



COMP 412, Spring 2015

Topics in Compiler Construction

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Course Objectives: Students should develop a fundamental understanding of the issues that arise in program translation, including syntax analysis, translation, and rudimentary program optimization.

The programming assignments will help students develop facility with the creation and manipulation of abstract program representations.

Assignments & Grading Policies: Students are responsible for the contents of the book & the lectures. Attendance does not affect student grades. The course will have 3 exams and 3 programming assignments, or “labs”. Labs are described in detailed handouts available on the course web site. The assignments will have the following weights in the final grade:

Exams		Programming Assignments	
Midterm Exam	25%	Lab 1	17%
Final Exam	25%	Lab 2	16%
		Lab 3	17%

Exams are given under the Rice Honor Code.

Students are encouraged to discuss the programming assignments with each other. However, all code submitted for the lab, other than standard libraries, must be written by the individual student. Questions on this issue should be posted to the discussion site.)

Textbook: *Engineering a Compiler, 2nd Ed.*, by Cooper and Torczon
Several copies will be on reserve in Fondren Library.

Discussion Site: We will be using Piazza to handle questions about assignments, tests, and general class discussion. If you did not receive an email invitation to Piazza, send email to one of the instructors.

Course Web Site: <http://clear.rice.edu/comp412>

Lecture notes, handouts for the programming assignments, and announcements will be posted to the web site. Any changes to policies will be posted on the course web site and on Piazza.

Notice: Any student with a disability requiring accommodations in this class should contact one of the instructors or Rice’s Coordinator for Disability Support Services, Alan Reynolds.